

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: March 30, 2003, 02:49:33 ; Search time 80.4409 Seconds
(without alignments)
8283.243 Million cell updates/sec

Title: US-09-988-971-1_COPY_415_1197
 Perfect score: 783

Sequence: 1 atggygaagtctgcccagcag.....ctgtctcttggatgatgcc 783

Scoring table: IDENTITY_NUC

Searched: 574371 seqs, 425486471 residues

Total number of hits satisfying chosen parameters: 1148742

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Minimum DB seq length: 0
Maximum DB seq length: 20000000000
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Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

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14: /cgn2_6/p1odata/1/pubnba/US60_PUBCOMB.seq.*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	478	61.0	763	10	US-09-867-550-953	Sequence 953, App
2	338	43.2	875	10	US-09-867-550-951	Sequence 1915, App
3	192	24.5	444	10	US-09-867-550-951	Sequence 951, App
4	152	20.3	3665	10	US-09-954-586-459	Sequence 495, App
5	159	20.3	3756	12	US-10-002-600-91	Sequence 91, App1
6	141.8	18.1	432	10	US-09-864-761-2829	Sequence 2829, App
7	141.8	18.1	448	10	US-09-864-761-15513	Sequence 15513, App
8	124.6	15.9	2015	10	US-09-954-556-1983	Sequence 1983, App
9	111.6	14.3	3254	10	US-09-967-7688-300	Sequence 300, App
10	102.8	13.1	1911	10	US-09-917-000A-1611	Sequence 1611, App
11	96	12.3	96	10	US-09-864-761-19612	Sequence 19612, App
12	91.2	11.6	2451	10	US-09-771-161A-4	Sequence 4, App1
13	91	11.6	1609	10	US-09-771-161A-10	Sequence 10, App
14	91	11.6	1995	10	US-09-771-161A-31	Sequence 31, App1
15	73.2	6.0	486	9	US-09-96-652-419	Sequence 7419, App
16	47	5.3	761	10	US-09-910-843-616	Sequence 616, App
17	41.6	5.3	366	9	US-09-832-355A-4	Sequence 4, App1
18	41.6	5.3	444	9	US-10-083-817-6	Sequence 6, App
19	41.6	5.3	459	10	US-09-867-501-10298	Sequence 10298, App

ALIGNMENTS

20	41.6	5.3	480	10	US-09-365-029-93	Sequence 93, Appl
21	41.6	5.3	516	9	US-10-083-817-7	Sequence 7, Appl
22	41.6	5.3	516	10	US-09-812-133-1	Sequence 1, Appl
23	41.6	5.3	576	9	US-10-083-817-8	Sequence 8, Appl
24	41.6	5.3	576	10	US-09-932-451A-1	Sequence 1, Appl
25	41.6	5.3	639	9	US-09-832-1555A-83	Sequence 83, Appl
26	41.6	5.3	649	9	US-09-870-759-121	Sequence 121, Appl
27	41.6	5.3	642	9	US-10-083-817-9	Sequence 9, Appl
28	41.6	5.3	649	10	US-09-349-954A-1	Sequence 1, Appl
29	41.6	5.3	669	10	US-09-907-007-1	Sequence 1, Appl
30	41.6	5.3	669	9	US-09-832-355A-78	Sequence 78, Appl
31	41.6	5.3	699	9	US-10-083-817-10	Sequence 10, Appl
32	41.6	5.3	815	10	US-09-795-006A-146	Sequence 146, Appl
33	41.6	5.3	990	9	US-10-200-050-1	Sequence 1, Appl
34	41.6	5.3	990	10	US-09-880-107-2336	Sequence 2336, Appl
35	41.6	5.3	990	10	US-09-795-006A-1	Sequence 1, Appl
36	41.6	5.3	1104	9	US-09-832-355A-93	Sequence 93, Appl
37	41.6	5.3	1104	9	US-09-832-355A-98	Sequence 88, Appl
38	41.6	5.3	1136	12	US-10-044-090-164	Sequence 164, Appl
39	41.6	5.3	3583	9	US-09-981-953-185	Sequence 185, Appl
40	41.6	5.3	4045	9	US-09-832-355A-121	Sequence 121, Appl
41	41.6	5.3	5610	9	US-10-090-983-2	Sequence 2, Appl
42	41.6	5.2	984	10	US-09-765-296A-5	Sequence 5, Appl
43	39.4	5.0	577	9	US-10-071-370A-1	Sequence 1, Appl
44	38	4.9	1646	9	US-10-016-634A-94	Sequence 94, Appl
45	37.2	4.8	680	9	US-09-764-868-310	Sequence 310, Appl

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US RESULT 1
US-09-867-550-953
Sequence 953, Application US/09867550
Patent No.: US20020082206A1
GENERAL INFORMATION:
APPLICANT: Leech, Martin D.
APPLICANT: Mehrabian, Foad,
APPLICANT: Conley, Pamela
APPLICANT: Law, Debbie
APPLICANT: Topper, James
TITLE OF INVENTION: No. US20020082206A1e1
FILE REFERENCE: 21402-013 (Cura-113)
CURRENT APPLICATION NUMBER: US/09/867,550
CURRENT FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: USN 60/208,422
PRIOR FILING DATE: 2000-05-30
NUMBER OF SEQ. ID NOS: 2125
SOFTWARE: FASTSD for Windows Version 4.0.0
SEQ. ID NO 953
LENGTH: 763
TYPE: DNA
ORGANISM: Homo sapiens
US-09-867-550-953

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Query Match	61.0%; Score 478; DB 10; Length 763;
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Matches 478; Conservative 0; Mismatches 0; Indels 0; Gaps 0

Qy	1	ATGGGAATCTGCCCGACGAGAAAGAAATCTCTGCCAAGCCCAAGCTTGAAGTTCTCTGTG	60
Db	286	ATGGGAATCTGCCCGACGAGAAAGAAATCTCTGCCAAGCCCAAGCTTGAAGTTCTCTGTG	345
Qy	61	CAAGGCGAGGGAGCTGTGACCATGGAAAGCAGAGAGAACCAAGGCGACAGCGGTGGCCCTG	120
Db	346	CAAGGCGAGGGAGCTGTGACCATGGAAAGCAGAGAGAACCAAGGCGACAGCGGTGGCCCTG	405
Qy	121	GCGAGTTTCCCGGCGAGTGGCCCGCGCGAGACTGTGCTGAACACTCGGGGAGCATTTGACC	180
Db	406	GCGAGTTTCCCGGCGAGTGGCCCGCGCGAGACTGTGCTGAACACTCGGGGAGCATTTGACC	465
Qy	181	ATGCTCTCTGAGATGAGAACTGTGACGCTGCTGTGAAGTTCTGACGAGAGATAT	240

PRIOR FILING DATE: 2000-09-26
PRIOR APPLICATION NUMBER: US/60/235,711
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US/60/235,720
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US/60/235,840
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US/60/235,863
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 2276
SOFTWARE: Patent version 3.0
SEQ ID NO: 499
LENGTH: 2665
TYPE: DNA
ORGANISM: Homo sapiens
US-09-954-456-499

Query Match 20.3%; Score 159; DB 10; Length 2665;
Best Local Similarity 54.4%; Pred. No. 9e-39;
Matches 355; Conservative 0; Mismatches 280; Indels 18; Gaps 1;

QY 13 CCCAGCAGAGAGAAATCTCTGCCAAGCCCAAGCTTGAAGTCTCTGTCAGAGCCAGAGG 72
DB 24 CCAGGAG 83
QY 73 CCTGTGACCATGAG 132
DB 84 CCCCTGCCCAACCCGAG 143
QY 133 GCAGTGGCCGCGCGAG 192
DB 144 TCTCTGACATAG 203
QY 193 GATGAG 252
DB 204 GAG 263
QY 253 GTCCAGTGGCCCAAGTCTCTGCCAAGCCCAAGCTTGAAGTCTCTGTCAGAGCCAGAG 312
DB 264 ATATGTGTGCGCAGAGTCTCTGCCAAGCCCAAGCTTGAAGTCTCTGTCAGAGCCAGAG 323
QY 313 GAG 372
DB 324 GAG 383
QY 373 ACCAG 432
DB 384 ACCAG 442
QY 433 ATCAG 492
DB 426 GTAAAG 485
QY 493 ACCCTTCCCTCAG 552
DB 486 ACCCTTCCCTCAG 545
QY 553 TGGCTACTCAG 612
DB 546 TGTGTGTCTCAG 605
QY 613 CCCCTACTGAG 665
DB 606 AGCTCAGCTGACCTTGTGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 658

RESULT 5
US-10-002-600-91

; Sequence 91, Application US/10002600
; Patent No. US20020137077A1
; GENERAL INFORMATION:
; APPLICANT: Hopkins, Christopher M.
; APPLICANT: Peterson, David P.

APPLICANT: Cocks, Benjamin G.
APPLICANT: Hawkins, Phillip R.
TITLE OF INVENTION: GENES REGULATED IN ACTIVATED T CELLS
FILE REFERENCE: PA-0042 US
CURRENT APPLICATION NUMBER: US/10/002,600
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: 60/243,521
PRIOR FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 116
SOFTWARE: PERL Program
SEQ ID NO: 91
LENGTH: 3756
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Template ID: 059263.15
US-10-002-600-91

Query Match 20.3%; Score 159; DB 12; Length 3756;
Best Local Similarity 54.4%; Pred. No. 9.5e-39;
Matches 355; Conservative 0; Mismatches 280; Indels 18; Gaps 1;

QY 13 CCCAGCAGAGAGAAATCTCTGCCAAGCCCAAGCTTGAAGTCTCTGTCAGAGCCAGAGG 72
DB 1098 CCAGGAG 1157
QY 73 CCTGTGACCATGAG 132
DB 1158 CCCCTGCCCAACCCGAG 1217
QY 133 GCAGTGGCCGCGCGAG 192
DB 1218 TCTCTGACATAG 1277
QY 193 GATGAG 252
DB 1278 GAG 1337
QY 253 GTCCAGTGGCCCAAGTCTCTGCCAAGCCCAAGCTTGAAGTCTCTGTCAGAGCCAGAG 312
DB 1338 ATATGTGTGCGCAGAGTCTCTGCCAAGCCCAAGCTTGAAGTCTCTGTCAGAGCCAGAG 1397
QY 313 GAG 372
DB 1398 GAG 1457
QY 373 ACCAG 432
DB 1458 ACCAG 1499
QY 433 ATCAG 492
DB 1500 GTAAAG 1559
QY 493 ACCCTTCCCTCAG 552
DB 1560 ACCCTTCCCTCAG 1619
QY 553 TGGCTACTCAG 612
DB 1620 TGTGTGTCTCAG 1679
QY 613 CCCCTACTGAG 665
DB 1680 AGCTCAGCTGACCTTGTGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1732

RESULT 6

US-09-864-761-2829
; Sequence 2829, Application US/09864761
; Patent No. US2002048763A1
; GENERAL INFORMATION:

APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Aecm1ca-X-1
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 2829
LENGTH: 432
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL031662.24
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3
US-09-864-761-2829
Query Match 18.1%; Score 141.8; DB 10; Length 432;
Best Local Similarity 95.4%; Pred. No. 1.2e-33;
Matches 146; Conservative 0; Mismatches 7; Indels 0; Gaps 0;
Qy 515 TGTGACCATTAATCTGAGCTGGCGATGACATCTGCTGCTCACTCAAGAGCCCTGG 574
Db 253 TGGAGCTCTTCTCTGAGCTGGCGATGACATCTGCTGCTCACTCAAGAGCCCTGG 312

Qy 575 TCTGCAAGAGGCTGCCCCCTCTCTGCGAGGATATACCTTACTGTGACAG 634
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Qy 635 GCACACCACTCACTGGAAGAGCTGACAGCT 667
Db 373 GCACACCACTCACTGGAAGAGCTGACAGCT 405
RESULT 7
US-09-864-761-15513
Sequence 15513, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Aecm1ca-X-1
CURRENT FILING DATE: 2001-05-23
CURRENT APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 15513
LENGTH: 448
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL031662.24
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 3.1
US-09-864-761-15513
Query Match 18.1%; Score 141.8; DB 10; Length 448;
Best Local Similarity 95.4%; Pred. No. 1.2e-33;

Db 778 ACCACAGGGGTTCACTCGGTGAGAGAGTGTGACACTATGAGATGAT 837
 QY 541 GATGACATCTGTGCTGCTACTCAAGAGAGCCCTGTGTCTGAGAGGGGTGGCGCT 596
 Db 838 GACGGGCTGTGCAACTGCTGCTATGCGCGCCCTGACATCATGAGACCGCAGAGCCT 893

RESULT 10

US-09-917-800A-1611
 ; Sequence 1611, Application US/09917800A
 ; Patent No. US20020119462A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mendrick, Donna
 ; APPLICANT: Porter, Mark
 ; APPLICANT: Johnson, Kory
 ; APPLICANT: Casle, Arthur
 ; APPLICANT: Elashoff, Michael
 ; APPLICANT: Gene Logic, Inc.
 ; TITLE OF INVENTION: Molecular Toxicology Modeling
 ; FILE REFERENCE: 44921-5038-US
 ; CURRENT APPLICATION NUMBER: US/09/917,800A
 ; CURRENT FILING DATE: 2001-07-31
 ; PRIOR APPLICATION NUMBER: US 60/222,040
 ; PRIOR FILING DATE: 2000-07-31
 ; PRIOR APPLICATION NUMBER: US 60/222,880
 ; PRIOR FILING DATE: 2000-11-02
 ; PRIOR APPLICATION NUMBER: US 60/290,029
 ; PRIOR FILING DATE: 2001-05-11
 ; PRIOR APPLICATION NUMBER: US 60/290,645
 ; PRIOR FILING DATE: 2001-05-15
 ; PRIOR APPLICATION NUMBER: US 60/292,336
 ; PRIOR FILING DATE: 2001-05-22
 ; PRIOR APPLICATION NUMBER: US 60/295,798
 ; PRIOR FILING DATE: 2001-06-06
 ; PRIOR APPLICATION NUMBER: US 60/297,457
 ; PRIOR FILING DATE: 2001-06-13
 ; PRIOR APPLICATION NUMBER: US 60/298,884
 ; PRIOR FILING DATE: 2001-06-19
 ; PRIOR APPLICATION NUMBER: US 60/303,459
 ; PRIOR FILING DATE: 2001-07-09
 ; NUMBER OF SEQ ID NOS: 1740
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 1611
 ; LENGTH: 1911
 ; TYPE: DNA
 ; ORGANISM: Rattus norvegicus
 ; FEATURE:
 ; OTHER INFORMATION: Genbank Accession No. US20020119462A1 NM_013185
 US-09-917-800A-1611

Query Match 13.1%; Score 102.8; DB 10; Length 1911;
 Best Local Similarity 52.4%; Pred. No. 1.1e-21;
 Matches 258; Conservative 0; Mismatches 222; Indels 12; Gaps 1;

QY 104 CCACAGCGGTGGCCCTGGGCAAGTTCCCGGAGAGTGGCCCGCGAGCTGTGCTGAGAC 163
 Db 356 CCATTGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 415
 QY 164 TCGGGGAGCCATTGACCATGCTCTCTGAGATGAGAGATGAGAGCGGTCTGTGAAG 223
 Db 416 AGGGAGACCAAGATGAGTGTGCTGAGAGAGTGTGAGAGAGTGTGAGAGAGCGCTG 475
 QY 224 TCTCAGCAGAGATATTAATCCACCGTCCACGTCGCAAAAGT-----CT 271
 Db 476 CTACCAAGAAAGAGCTATATCCCAAGCAATTTATGACTGAGTTACTCTTTGAGAA 535
 QY 272 CCCATGGTGGCTGTATGAGGCGCTGAGCAGAGAGAAAGCAGAGAACTGCTGTTTAC 331
 Db 536 CTGAGAGATGAGTCTTCAAGGGTATCAGCCGAGAGATGACAGAGCGCACCTCTGCTC 595
 QY 332 CTGGGACCTCGAGGGGCGCTTCTCATCGGGAGAGCCAGACCAAGAGAGGCTTACT 391
 Db 596 CCGGACATGCTGGGCTCTTCTCATGATCCGGACAGTAGACACCAAGAGAGCTACT 655

QY 392 CTCGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 451
 Db 656 CACTTCTGTGAGAGACTTTGACCCCGAGACAGAGACAGGTGAGAGATTAATTAATTC 715
 QY 452 ACTGCTGAGAGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 511
 Db 716 GGAAGCTGAGAGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 775
 QY 512 CCTGTGAGACCATTAATCTGAGCTGCGAGATGACATCTGCTGCTGCTGCTGCT 571
 Db 776 AACTGTCTCCATCAAGAGAGAGAGATGGGCTCTGCGAGAGCTGTCACTGCTCT 835
 QY 572 GTGCTGCGAG 583
 Db 836 GTGTGCTCGA 847

RESULT 11

US-09-864-761-19612
 ; Sequence 19612, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; APPLICANT: Chen, Wensheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: Aemlica-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864,761
 ; CURRENT FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/180,312
 ; PRIOR FILING DATE: 2000-02-04
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/632,366
 ; PRIOR FILING DATE: 2000-08-03
 ; PRIOR APPLICATION NUMBER: GB 24263,6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
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 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 09/608,408
 ; PRIOR FILING DATE: 2000-06-30
 ; PRIOR APPLICATION NUMBER: US 09/774,203
 ; PRIOR FILING DATE: 2001-01-29
 ; NUMBER OF SEQ ID NOS: 49117
 ; SOFTWARE: Annonmax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 19612
 ; LENGTH: 96
 ; TYPE: DNA

ORGANISM: Homo sapiens
FEATURE: MAP TO AL031662.24
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3
OTHER INFORMATION: NT HIT: AF000716.1, EVALUATE 1.70e-01
OTHER INFORMATION: EST_HUMAN HIT: A1125308.1, EVALUATE 2.10e-01
US-09-864-761-19612

Query Match 12.3%; Score 96; DB 10; Length 96;
Best Local Similarity 100.0%; Pred. No. 7.8e-20;
Matches 96; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 570 CTGTGCTCTGAGAGGGCTGCCCTCCCTGCAAGATATACCTTACTGTGACTGT 629
Db 1 CTGTGCTCTGAGAGGGCTGCCCTCCCTGCAAGATATACCTTACTGTGACTGT 60
Qy 630 GCAAGAGACACCTCACTGAAAGAGCTGACAG 665
Db 61 GCAAGAGACACCTCACTGAAAGAGCTGACAG 96

RESULT 12
US-09-771-161A-4
Sequence 4, Application US/09771161A
Patent No. US20020110811A1
GENERAL INFORMATION:
APPLICANT: LEVINE, et al.
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771.161A
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 09/724,676
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 136776
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 135619
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 2451
TYPE: DNA
ORGANISM: Homo sapiens
NAME/KEY: -
LOCATION: (1)..(2451)
OTHER INFORMATION: "n" can be any nucleotide 'a', 'c', 'g' or 't'.
US-09-771-161A-4

Query Match 11.6%; Score 91.2; DB 10; Length 2451;
Best Local Similarity 55.8%; Pred. No. 3.8e-18;
Matches 221; Conservative 1; Mismatches 159; Indels 15; Gaps 2;

Qy 148 GACCTGTGCTGAGACTCGGGAGCCATTGCACTGCTCTGAGATGAGAGCTGTG 207
Db 814 GACCTGTGAGATGCTGAAGGGGAGAGCTACAGCTCTGAAGGAAGCTGAGACTGTG 873
Qy 208 ACCGTGCTGTGAAGTCTGAGGACAGAGATTAACATGCCAGGCTCAGTGGCCAA 267
Db 874 CTGGCAGGTACTCTCTCAGAGAGAGAGCTATGTGCCAGTAACCTTTGTGGCCCA 933
Qy 268 GTCT-----CCATGGGTGCTGTATGAGGGCTTGAGCAGGAGAAAGAG 315
Db 934 GTGAGAGCTTGAATGAAGTGTCTTTAGATCAAGGCTGGAAGAGGCTGAG 993

Qy 316 GAACCTGTGTATTACCTGGGAACCTTGAGGGCCCTTCCATCCGGAGAGCCAGACC 375
Db 994 AGCAGCTTCTGTCTCCATCAACAAAGCCGGCTCTTCTTATCAGAGAGTGAAGAAC 1053
Qy 376 AGAGAGGCTCTCTCTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 435
Db 1054 AACAAAGTCTCTCTCTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCT 1110
Qy 436 AGACACTAGAGATCACTGCTCTTGAACAATGCTGTGTATCTCAACGCGCTTACC 495
Db 1111 AACCACTATAAGATCCCTGCTGTGTATGAAGAGTGTCAACCCAGG--GGAGCTGATC 1170
Qy 496 TTCCCTCACTCCAGGCGCTGTGAGACCATTAATCT 531
Db 1171 TTCCCTCACTCCAGGCGCTGTGAGACCATTAATCT 1206

RESULT 13
US-09-771-161A-30
Sequence 30, Application US/09771161A
Patent No. US20020110811A1
GENERAL INFORMATION:
APPLICANT: LEVINE, et al.
TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
FILE REFERENCE: 802620-2005.1
CURRENT APPLICATION NUMBER: US/09/771.161A
CURRENT FILING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 09/724,676
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 136776
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 135619
PRIOR FILING DATE: 2000-04-12
NUMBER OF SEQ ID NOS: 273
SOFTWARE: PatentIn version 3.0
SEQ ID NO 30
LENGTH: 1609
TYPE: DNA
ORGANISM: Homo sapiens
US-09-771-161A-30

Query Match 11.6%; Score 91; DB 10; Length 1609;
Best Local Similarity 56.5%; Pred. No. 4.1e-18;
Matches 169; Conservative 0; Mismatches 130; Indels 0; Gaps 0;

Qy 275 ATGGGTGCTGTATGAGGGCTGAGCAGGAGAAAGCAGAGAGTCTGTGTTACTG 334
Db 1018 AAGATGTGACTTTGGAAAACTTGGCGAAGATGCTGAGCAGAGCTATTGCTTGG 1077
Qy 335 GGAACCTGTGAGGGGCTTCTCTATCCGGAGAGCCAGACAGAGAGGCTTTACTTC 394
Db 1078 GAAACCCAAAGAGTACTTCTTATCCCGAGAGTAAACCAAGAGTGCCTATTAC 1137
Qy 395 TGTCAATCCGCTCAGCCGCTGATCTGAGGAGCGGATCGAGACATCAAGATCCACT 454
Db 1138 TTTCTATCCGATGATGAGATGATATGAAGAGACATGCAACATTTAATAATTGCA 1197
Qy 455 GCTTGAATGCTGCTGTATCATCTCACCGGCTCACTTCCCTCACTCCAGGCC 514
Db 1198 AACTTGAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1257
Qy 515 TGTGAGACATTAATCTGAGCTGAGGAGATGATGATGATGATGATGATGATGATGAT 573
Db 1258 TTGTCAACATTAATCTGAGAGAGAGTGTGCTGTGCTGCTGTGCTGTGCTGTGCTGT 1316

RESULT 14
US-09-771-161A-31
Sequence 31, Application US/09771161A
Patent No. US20020110811A1
GENERAL INFORMATION:
APPLICANT: LEVINE, et al.

;; TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
;; FILE REFERENCE: 802620-2005.1
;; CURRENT APPLICATION NUMBER: US/09/771,161A
;; CURRENT FILING DATE: 2001-01-26
;; PRIOR APPLICATION NUMBER: 09/724,676
;; PRIOR FILING DATE: 2000-11-28/76
;; PRIOR APPLICATION NUMBER: 136776
;; PRIOR FILING DATE: 2000-06-15
;; PRIOR APPLICATION NUMBER: 135619
;; PRIOR FILING DATE: 2000-04-12
;; NUMBER OF SEQ ID NOS: 273
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 31
;; LENGTH: 1995
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: -
;; LOCATION: (1)..(1995)
;; OTHER INFORMATION: "n" can be any nucleotide 'a', 'c', 'g' or 't'
US-09-771-161A-31

Query Match 11.6%; Score 91; DB 10; Length 1995;
Best Local Similarity 56.5%; Pred. No. 4,3e-18;
Matches 169; Conservative 0; Mismatches 130; Indels 0; Gaps 0;

QY 275 ATGGTGGCTGTATGAGGCGCTGAGCAGGAGAAAGCAAGAACTGCTGTGTTACCTG 334
DB 1135 AAGAGTGTACTTTGGAAAACTTGGCGAAAGATGCTGAGGAGACATATGTCCTTTG 1194
QY 335 GGAACCCCTGAGGGGCTTCCATCCGGAGAGACACGAGGAGGCTCTTACTCTG 394
DB 1195 GAAACCCAGAGGAGTCTTTTATCCGAGAGTAAACCAACCAAGAGGCTTATTCAC 1254
QY 395 TGTGAGTCCGCTCAGCCGCCCTGCATCTGGGACCGATGACACTACAGATCACT 454
DB 1255 TTTCTATCCGTGATGGAGTATGAAAGAGACCATGTCAAACTTATTAATTCGCA 1314
QY 455 GCCTTGACATGCGTGTGATCATCTACCGGCGCTCACCTCCCTCACTCAGAGCC 514
DB 1315 AACTTGACATGCGTGTGATCATCTACCGGCGCCCAAGTTGAAACCTTCAAGCAGC 1374
QY 515 TGTGAGCATTACTCTGAGCTGGCGATGACATCTGCTGCTTCACTCAAGAGCCCTGT 573
DB 1375 TTGTACACATTACTCAGAGAGAGCTGAGGCTCTGCTGCGCTAGTAGTCCCTGT 1433

RESULT 15
US-09-796-692-7419

;; Sequence 7419, Application US/09796692
;; Publication No. US20020198362A1
;; GENERAL INFORMATION:
;; APPLICANT: Gaiger, Alexander
;; APPLICANT: Algate, Paul A.
;; APPLICANT: Mannion, Jane
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DETECTION, DIAGNOSIS AND THERAPY
;; TITLE OF INVENTION: HEMATOLOGICAL MALIGNANCIES
;; FILE REFERENCE: 2077,001200
;; CURRENT APPLICATION NUMBER: US/09/796,692
;; CURRENT FILING DATE: 2001-03-01
;; PRIOR APPLICATION NUMBER: 60/186,126
;; PRIOR FILING DATE: 2000-03-01
;; PRIOR APPLICATION NUMBER: 60/190,479
;; PRIOR FILING DATE: 2000-03-17
;; PRIOR APPLICATION NUMBER: 60/200,545
;; PRIOR FILING DATE: 2000-04-27
;; PRIOR APPLICATION NUMBER: 60/200,303
;; PRIOR FILING DATE: 2000-04-28
;; PRIOR APPLICATION NUMBER: 60/200,779
;; PRIOR FILING DATE: 2000-04-28
;; PRIOR APPLICATION NUMBER: 60/200,999
;; PRIOR FILING DATE: 2000-05-01
;; PRIOR APPLICATION NUMBER: 60/202,084

;; PRIOR FILING DATE: 2000-05-04
;; PRIOR APPLICATION NUMBER: 60/206,201
;; PRIOR FILING DATE: 2000-05-22
;; PRIOR APPLICATION NUMBER: 60/218,950
;; PRIOR FILING DATE: 2000-07-14
;; PRIOR APPLICATION NUMBER: 60/222,903
;; PRIOR FILING DATE: 2000-08-03
;; PRIOR APPLICATION NUMBER: 60/223,416
;; PRIOR FILING DATE: 2000-08-04
;; PRIOR APPLICATION NUMBER: 60/223,378
;; PRIOR FILING DATE: 2000-08-07
;; NUMBER OF SEQ ID NOS: 9597
;; SOFTWARE: FastSeq for Windows Version 3.0
;; SEQ ID NO 7419
;; LENGTH: 486
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-796-692-7419

Query Match 9.3%; Score 73.2; DB 9; Length 486;
Best Local Similarity 57.4%; Pred. No. 8.8e-13;
Matches 132; Conservative 0; Mismatches 98; Indels 0; Gaps 0;

QY 346 GGGGCTTCTCATCCGAGAGCCAGACGAGAGGCTTACTCTGTGATGCTCGC 405
DB 7 GGAAGCTTCTCTTATGAGAAAGTGAAACATTAAAGAAAGCTTCTCTGTCTCAG 66
QY 406 CTCAGCCGCTGCACTCTGAGACCGAGATCAGACATCAAGATCACTGCTTGACAT 465
DB 67 GACTTGAACCTGTGATGATGATGATGATGATGATGATGATGATGATGATGAT 126
QY 466 GCGTGGTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 525
DB 127 GGGGCTTATTAATCTTCTCAAGATCACTTTTCCCTGTATCAGGACATGATTAACAT 186
QY 526 TACTTGAAGTGGCGATGATGATGATGATGATGATGATGATGATGATGATGAT 575
DB 187 TACCAAGAGGAGGAGATGATGATGATGATGATGATGATGATGATGATGATGAT 236

Search completed: March 30, 2003, 16:30:48
Job time : 97.4409 secs